

CLAIMS

1. Switching device (S), in particular circuit breaker, for electrical installations with a housing (2) having terminals (1), characterized in that at least one shielding element (3) is provided in the region of the terminals (1) that is formed as one-piece on the housing.
2. Switching device (S) according to claim 1, characterized in that the at least one shielding element (3) is formed as an essentially flat plate (4) or a rib (4).
3. Switching device (S) according to claim 1 or 2, characterized in that the at least one shielding element (3) includes at least one reinforcing rib (5).
4. Switching device (S) according to one of the claims 1 to 3, characterized in that two spaced apart shielding elements (3) are provided.
5. Switching device (S) according to one of the claims 1 to 4, characterized in that the shielding elements (3) are arranged essentially parallel around the terminal openings (6) and/or the fastening screw opening (7) of the terminals (1).
6. Switching device (S), in particular circuit breaker, for electrical installations with a housing having terminals (1), characterized in that at least one recess (8), indentation (8) and the like are provided on at least one housing part and/or on at least one element formed on the housing (2) for the purpose of lengthening the leakage path.

7. Switching device (S) according to claim 6, characterized in that the at least one recess (8), indentation (8) and the like is provided on the outside of at least one shielding element (3) formed on the housing (2).
8. Switching device (S) according to claim 6, characterized in that the at least one recess (8), indentation (8) and the like is arranged in the region of a terminal (1).
9. Switching device (S) according to claim 8, characterized in that a corresponding recess (8), indentation (8) and the like is arranged on the outside of the housing on either side of the fastening screw opening (7).
10. Switching device (S), in particular circuit breaker, for electrical installations with a housing (2), with at least one terminal (1), comprising a movable case (10), a fixed case (11) surrounding the movable case, and a clamping screw (15) that can be screwed with a head (13) against a clamping support (14) through a through-opening (9) disposed on the fixed case (11) into a thread (12) of the movable case (10), wherein the movable case (10) together with the fixed case (11) forms a clamping opening for cable ends (16) that can be adjusted with the clamping screw (15), further comprising a clamping opening for cable lugs (17) that is formed between the head (13) of the clamping screw (15) and the fixed case (11), characterized in that means are provided for completely unscrewing the clamping screw (15) from the clamping opening (17).
11. Switching device (S) according to claim 10, characterized in that the means for completely unscrewing the clamping screw (15) from the clamping opening (17) comprises an thread-free portion (18) of the clamping screw (15) located next to the clamping screw head (13).

12. Switching device (S) according to claim 11, characterized in that the thread-free portion (18) of the clamping screw (15) includes a tapered cross-section (19).
13. Switching device (S) according to one of the claims 10 to 12, characterized in that the means for completely unscrewing the clamping screw (15) from the clamping opening (17) comprises a platelet (20) that is arranged on the side of the clamping support (14) of the terminal (1) that faces away from the case (11) and is oriented parallel and non-rotatably relative to the clamping support (14), with the thickness of the platelet (20) not exceeding the height of the thread-free region (18) of the clamping screw (15).
14. Switching device (S) according to claim 10, characterized in that the platelet (20) has a through-opening (21) for the clamping screw (15) which includes at least portions of a thread (22).